

## CA 521

### *Owner's Manual*

## ***Remote Vehicle Starter with Keyless Entry***

**IMPORTANT NOTE:** The operation of the Security and Convenience System as described in this manual is applicable to most vehicles. However, due to the configuration of some vehicles, some functions AND/OR SAFETY PRECAUTIONS may not apply. Please see your installing dealer for more information.

#### **KEYLESS ENTRY**

1. The LOCK icon button on the transmitter is used to lock the vehicle's doors, the UNLOCK icon button is used to unlock the vehicle's doors. To lock or unlock the doors simply press and release the desired function button one time. As a keyless entry unit, for your convenience, the parking lights will flash twice when the doors are locked and once when the door are unlocked.

#### **REMOTE STARTING THE VEHICLE**

The system will not start the vehicle if any one of the following situations exists;

The vehicle's hood is opened.

The gear shift selector is not in Park.

The brake pedal is depressed.

1. To start the vehicle, press and release the KEY icon button two times within 2 seconds (for optional 1 BUTTON start press and hold the KEY icon for 3 seconds). The vehicle will start and remain running for the pre-programmed 5, 10, 15, 20 minute run cycle. As a visual indication, the parking lights will flash or remain on depending on the setting by your installation center.
2. When you arrive at the vehicle, turn the ignition key to the ON position (not the spring loaded start position), then step on the brake pedal to disengage the remote starter. The vehicle will continue to run, but now on it's own power.

**NOTE:** The engine will stop running before the pre-programmed run cycle has expired if you perform any one of the following functions:

- Press and release the KEY icon button on the transmitter two times within 2 seconds (for optional 1 BUTTON start press and hold the KEY icon for 3 seconds).
- Depress the brake pedal.
- Open the vehicle's hood
- Move the safety control switch to the Off position.

#### **TURBO TIMER MODE (optional)**

This system provides a means to cool down the vehicles turbo charger, if so equipped, by allowing the vehicle to continue to run for a prescribed period of time every time the vehicle's engine is turned off. This feature requires the system to be set up for turbo timer during installation. Consult with your installation center to be certain this feature was activated and how long the vehicle will continue to run 3, 5, or 10 minutes after the ignition switch is turned off.

To activate the turbo timer:

Anytime the engine is running for more than 15 seconds:

- 1) Place the gear selector in park.
- 2) Set the parking, (hand), brake.
- 3) Be certain your foot is off the brake pedal.
- 4) Press the program/Push-Button switch 2 times within 5 seconds.

The parking lights will flash two times indicating the mode was successfully entered.

If your parking lights flashed four times, this indicates the turbo mode was on and is now turned off.

With the turbo timer mode selected on, after you've arrived at your destination, while the engine is still running, set the parking brake, pause 2 seconds, then turn the ignition switch to the off position. The engine will continue to run the allotted time according to the

selection during installation.

If you do not want the vehicle to continue to run for one cycle, simply step on the vehicle's brake, or release the parking brake, or activate the transmitter's start button two times in succession. Any of these will cause the engine to turn off.

#### REMOTE START VALET MODE

Valet Mode is used to disable the system from remote starting. To enter or exit valet mode simply follow the 4 steps outlined below:

1. Push and hold the programming/valet button.
2. Cycle the ignition ON/OFF, ON/OFF, ON/OFF.
3. Release the programming/valet button.
4. The LED will flash 2 short flashes and 1 long flash when in remote start valet mode

#### OPTIONAL EXTERNAL REMOTE START

This system allows remote start activation from an external source such as a vehicle security system. Operation may vary depending on the source you choose to use. Consult with your installation center about the use of this feature.

#### OPTIONAL REAR DEFROSTER

This system allows independent activation of the rear defogger while the remote start is engaged. To activate the rear defogger, if this feature is installed, simply while the remote start is engaged, press the Asterisk button of your keychain transmitter one time. This will activate or reactivate if already activated, the rear window defogger timer of your vehicle if so equipped.

#### OPTIONAL TRUNK RELEASE

This system provides an output that can be used to operate an existing electric trunk release if the vehicle is so equipped. To activate this feature, press and hold the TRUNK icon button of your transmitter for 3 seconds.

#### **FUNCTION SETTING CHART**

To be completed by installer

Run Time	5 Min <input type="checkbox"/>	10 Min <input type="checkbox"/>	15 Min <input type="checkbox"/>	20 Min <input type="checkbox"/>
Door Lock Timer	1 Sec/1 Sec <input type="checkbox"/>	3.5 <input type="checkbox"/>	1 Sec/Dbl 1 Sec <input type="checkbox"/>	
Lights	Pulse <input type="checkbox"/>	Steady <input type="checkbox"/>		
Turbo Timer	3 Min <input type="checkbox"/>	5 Min <input type="checkbox"/>	10 Min <input type="checkbox"/>	
Rear Defogger	Capable <input type="checkbox"/>			

#### **Code Systems, Inc. Limited Lifetime Warranty**

Code Systems Inc. ("CODE") warrants to the ORIGINAL PURCHASER of this CODE vehicle security product (the "Product"), purchased from an authorized CODE dealer, that (except as provided below) should this Product under normal use and conditions, be proven defective in material or workmanship DURING THE LIFETIME OF THE VEHICLE IN WHICH IT WAS ORIGINALLY INSTALLED, such defect(s) will be repaired or replaced (at CODE's option) without charge for parts directly related to repairs of the defect(s).

Switches, indicator lights, and transmitter cases are similarly warranted to the original purchaser for a period of one (1) year from the date of purchase of the Product.

CODE accessories, sold separately, are covered by the applicable warranty accompanying the accessory.

This warranty is non-transferable, non-assignable and is voided when: (1) the Product is removed from the vehicle in which it was originally installed; or (2) the vehicle in which the Product was originally installed is transferred to another party.

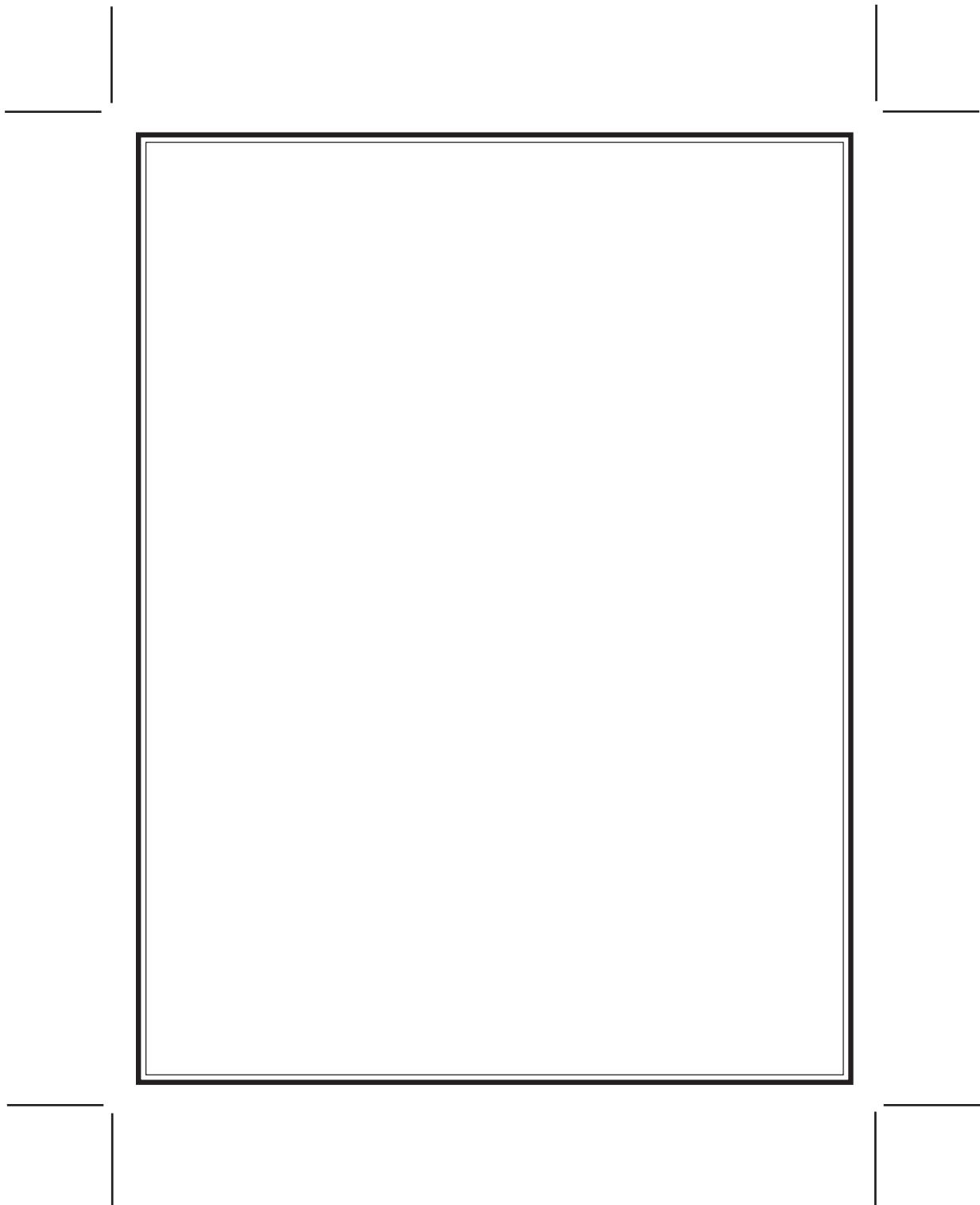
This warranty does not apply to any product damaged by accident, physical or electrical abuse, improper installation, alteration, or use contrary to its intended function, fire, flood, or other natural acts.

In order for the Product to be repaired or replaced under the terms of this warranty, the defective Product must be returned to an authorized CODE dealer and accompanied by a copy of the retail sales receipt. The date of purchase and year, make and model of the vehicle in which the Product was originally installed must be clearly indicated on the sales receipt.

This warranty is exclusive and CODE MAKES NO OTHER WARRANTIES EXPRESSED OR IMPLIED. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. IN NO CASE SHALL CODE BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER.

CODE does not warrant that the Product cannot be compromised or circumvented. THE EXTENT OF CODE'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT SHALL CODE'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY THE ORIGINAL PURCHASER OF THE PRODUCT WITHOUT INSTALLATION LABOR.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state



Code Systems, Inc.  
Customer Service 1-800-421-3209  
[WWW.CODE-ALARM.COM](http://WWW.CODE-ALARM.COM)

**FCC COMPLIANCE**

This device complies with Part 15 of the FCC rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including any interference that may cause undesired operation.

**Warning!**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.